

ABSTRACT OF THE DISCLOSURE

An exchanger includes an outer casing having an inlet port and an outlet port for a first fluid, and an inlet port and an outlet port for a second fluid, and a bundle of hollow fibers located within the outer casing and being in flow communication with the inlet and outlet port for the second fluid. A central core is located in the outer casing and the bundle of fibers is arranged around the central core. The central core includes an inlet manifold connected to the first fluid inlet port, and an outlet manifold connected to the first fluid outlet port.

08/548,048